NETWORK WORKING GROUP
Request for Comments #106

NIC 5776
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RDS
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USER/SERVER SITE PROTOCOL
NETWORK HOST QUESTIONNAIRE

The answer to a number of questions about the characteristics and operation of Network HOSTS will be useful to implementers of some early versions of TELNET, and/or to the USER/SERVER SITE PROTOCOL Committee in their consideration of a full TELNET PROTOCOL specification.

Questions of current interest are covered on the attached questionnaire. The Technical Liaison contact at each HOST site is asked to review these questions and fill in the answers as soon as convenient after receipt.

One of the members of the committee listed below will contact each HOST site by telephone in the next few days to record the answers.

Committee members include:

Bob Long	SDC
John Melvin	SRI/ARC
Ed Meyer	MIT/MAC
Tom O'Sullivan	RDS

Results of the questionnaire will be tabulated and distributed as an RFC.

NETWORK HOST QUESTIONNAIRE*

For TELNET Consideration

Installation _____ Prepared By _____

System** _____ Date _____

1.) Does system operate on keyboard terminal input on one character at a time (e.g. searching for a special character other than end of line), or does it accumulate a line at a time and operate on the line when a special character is entered, e.g. Carriage Return (CR).

☐ Line at time

☐ Character at time

☐ Both (Explain) _____

_____

_____

_____

2.) What maximum buffer size does your system provide for input of a physical line from a keyboard terminal, and for output to a terminal printer, or screen.

Input _____ Char

Output _____ Char

Remarks: _____

_____

_____

_____

3.) Describe the effect in your system of use of the following keying conventions. Indicate how implemented, i.e. is there a hardware interrupt? Does the terminal respond? How? What is sent into system as data, what is echoed, etc. If the key(s) are not avail-

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* If there is insufficient space on the questionnaire, continue answers on back of page.

** Fill out separate questionnaire for each HOST to be directly interfaced to an IMP.

able, so indicate (as may be the case for Newline for some systems, line feed for 2741's, etc.). If available but has no meaning, so indicate.

Key Strokes	Implementation	System Action
CR	_____	_____
LF	_____	_____
NL	_____	_____
CR, LF	_____	_____

Terminal Type = _____

If appropriate, enter data for other terminal types on the back of this page.

4.) What special character or characters are used in your system to awaken some process during the entry of data from a terminal (e.g. control C for some systems, break on others, etc.).

Character(s)	Operation
_____	_____
_____	_____
_____	_____

5.) List the types of keyboard terminals and codes supported by your system.

_____

_____

_____

6.) What internal code(s) is used in your system to represent character sets ? If not ASCII nor EBCDIC, attach a copy of the code.

_____

_____

_____

7.) For each terminal type do you support it in:

Half Duplex (Pure)_____

Half Duplex (with Break or Attention)_____

Half Duplex (Break & Reverse Break) _____

Full Duplex (without echo) _____

Full Duplex (with echo) _____

8.) For optional echo systems, at initial connect time is the terminal assumed to require an echo?

☐ Yes

☐ No

9.) Does your system perform error detection (e.g. parity check) on terminal input and, if so, is this a hardware or software check?

_____

_____

_____

10.) Does your system support punched paper tape input? If so, what sort of end of line sequence is used.

_____

_____

_____